

EU type examination certificate

EU-Baumusterprüfbescheinigung

CE-0085CN0360

Product Identification No.
Produkt-Identnummer

Field of Application <i>Anwendungsbereich</i>	EU Pressure Equipment Directive (2014/68/EU) <i>EU-Druckgeräterichtlinie (2014/68/EU)</i>
Owner of Certificate <i>Zertifikatinhaber</i>	Dresser Utility Solutions GmbH Hardeckstraße 2, D-76185 Karlsruhe
Distributor <i>Vertreiber</i>	Dresser Utility Solutions GmbH Hardeckstraße 2, D-76185 Karlsruhe
Product Category <i>Produktart</i>	Gas fittings: Pressure regulator for natural gas and all-gas (4301)
Product description <i>Produktbezeichnung</i>	Pressure regulator, optionally with safety shut-off valve for upper and lower shut-off pressure, with auxiliary power
Model <i>Modell</i>	RB 4700(-D)...
Test Reports <i>Prüfberichte</i>	Type testing: 22-00377-AB01-183 from 19.05.2023 (EBI)
Test Basis <i>Prüfgrundlagen</i>	2014/68/EU A III B Baumusterprüfung (15.04.2014) DIN EN 334 (01.11.2019) DIN EN 14382 (01.11.2019)
Date of Expiry / File No. <i>Ablaufdatum / Aktenzeichen</i>	10.12.2032 / 23-0533-GDV



70028-04-A-DE

18.04.2024 Bd A-1/2 *i.A. D. F. K.*
Date, Issued by, Sheet, Head of Certification Body
Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle

DVGW CERT GmbH - notified by the government of the Federal Republic of Germany and officially registered by the European Commission for conformity assessment of pressure equipment

DVGW CERT GmbH – von der Deutschen Bundesregierung benannte und von der Europäischen Kommission offiziell registrierte Stelle für die Konformitätsbewertung von Druckgeräten

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Gas Category <i>Gasart</i>	Remarks <i>Bemerkungen</i>
Gases of the 1., 2. & 3. family (EN 437)	

Type <i>Typ</i>	Technical Data <i>Technische Daten</i>	Remarks <i>Bemerkungen</i>
RB 4700(-D)	Nominal diameter: DN 25 Max. allowable pressure PS: 25 bar	
RB 4700	Nominal diameter: DN 40 Max. allowable pressure PS: 25 bar	
RB 4700(-D)	Nominal diameter: DN 50 Max. allowable pressure PS: 25 bar	
RB 4700(-D)	Nominal diameter: DN 80 Max. allowable pressure PS: 25 bar	
RB 4700(-D)	Nominal diameter: DN 100 Max. allowable pressure PS: 25 bar	

Type Variation <i>Ausführungsvariante</i>	Explanations <i>Erläuterungen</i>
RB 4700	differential strength up to 25 bar, max. allowable pressure PS 25 bar, inlet pressure range: 0,5 - 25,0 bar, connection: flanges according ANSI class 150, class 300, PN 16/ PN 25 acc. DIN EN 1092-2
RB 4700-D 25/50/80/100	integral strength up to 16 bar, max. allowable pressure PS 16 bar, inlet pressure range: 0,5 - 16,0 bar, connection: flanges according ANSI class 150, class 300, PN 16/ PN 25 acc. DIN EN 1092-2

Hints of Utilization / Remarks *Verwendungshinweise / Bemerkungen*

The function was tested up to 16 bar.
 Nominal diameter: DN 40 only in version with differential strength
 Ambient temperature range: -20 ... + 60 ° C
 Function of the controller: fail-close
 Function class SAV: A or B
 SAV8500: CE0085CO0198
 SAV8600: CE0085CO0044
 Regulator: outlet pressure/ accuracy class / closing pressure group:
 10 - 20 mbar: AC20/ SG50
 >20 - 50 mbar: AC10/ SG30
 >50 - 500 mbar: AC5/ SG10
 >0,2 - 13-0 bar: AC2/ SG5
 Material: pilot: AlCu4PbMgMn (EN AW-2700), diaphragm housing: S235JR, adapter: S355J2G3, actuator housing: GJS-400-18-LT or G20Mn5N